Part of Paper #14

800.22812X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Richard J. LA MANNA et al.
Serial No.:	820,705
Filed:	January 21, 1986
For:	CREDIT CARD EMBOSSING SYSTEM
Group:	337
Examiner:	E. Eickholt
Batch:	U97

SUPPLEMENTAL PRIOR ART STATEMENT
PURSUANT TO 37 C.F.R. §1.97-1.98

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

January 28, 1987

Sir:

Submitted herewith are copies of United States Patents 4,213,714 (Jones et al), 4,216,480 (Buehner et al), 4,326,813 (Lomicka, Jr. et al), 4,459,431 (Hiroichi et al), and 4,555,191 (Gojo). This information statement is submitted pursuant to M.P.E.P. §609(4)(c)(2).

The foregoing patents were discovered by the undersigned during the prosecution of another patent application for another client and constitute the references cited by the Examiner in that case. The undersigned had contacted the inventor, Mr. LaManna, to advise him of the existence of these patents and was going to forward copies of the patents to request an analysis of each of the patents for

citation to the United States Patent and Trademark Office when the Notice of Allowance of January 13, 1987, was received.

It is believed that some of the above-identified patents are more relevant to some of the claimed subject matter of the present application than the prior art of record as cited in the Notice of Allowance of January 13, 1987.

United States Patent 4,213,714

Jones et al teach a printer with the capability of printing variable pitch characters along a single line of printing. The printhead 10 is moved in increments ΔD which are divisible into the character widths of both of the pitches by an integer.

United States Patent 4,216,480

Buehner et al is believed to only be of interest. Higher speed printing is achieved by lowering the resolution of the ink jet printer. See column 5, lines 63-68, through column 6, lines 1-17.

United States Patent 4,326,813

Lomicka, Jr. et al disclose a printing system for printing variable pitch characters. The variable pitch characters are printed based upon multiples of a unit of carriage motion. See Table 1 in column 8 wherein the number of units of carriage motion for each of the different pitches

is specified in the column headed by TPC. This system further performs printing by activating the individual print rods while the carriage is moving. See column 9, lines 27-30.

United States Patent 4,459,431

Hiroichi et al teach a system for printing multiple pitch characters. The system is directed to the printing of characters with pitches that do not coincide with multiples of the dot width by an integer.

United States Patent 4,555,191

Gojo is directed to a system for reducing the size of the character font. See column 7, lines 46-56. It is believed that this system is only of interest.

None of the above-referenced patents are directed to the printing of more than one document at a time with characters of multiple pitches.

Respectfully submitted,

Donald E. Stout
Registration No. 26,422
ANTONELLI, TERRY & WANDS

Enclosures

(202) 828-0300

DES:dlh

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SECOND SUPPLEMENTAL PRIOR ART STATEMENT
PURSUANT TO 37 C.F.R. §1.97-1.98

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

January 30, 1987

Sir:

This Supplemental Prior Art Statement is submitted to cite United States Patent 3,428,158 in the official record of the file pursuant to M.P.E.P. §609(4)(c)(2). A PTO Form 1449 is attached hereto citing the aforementioned Brown patent along with a copy of Brown.

Brown discloses a system for uniformly setting the pressure of embossing a plate of a given thickness. The spring will be compressed when pressures of embossing exceed the preload on the spring such as when the card of a greater thickness is embossed than that which the embosser was set to emboss. The Brown patent is relevant to the subject matter of dependent claim 30.

The Brown patent was discovered recently by the undersigned during a review of embosser patents for the assignee, National Business Systems. The undersigned was in the process of reviewing the Brown patent for including it in an Information Statement to the United States Patent and Trademark Office when the January 13, 1987 Notice of Allowance was received.

Respectfully submitted,

Donald E. Stout
Registration No. 26,422
ANTONELLI, TERRY & WANDS

Enclosures

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DES:dlh

L. Workcuff
3-10-87
#14/Letter w/copies of Prior Art Statements + 1 Sht drwg.

800.22812X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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TRANSMITTAL OF COPIES OF
SUPPLEMENTAL TRANSMITTAL OF FORMAL DRAWINGS,
SUPPLEMENTAL PRIOR ART STATEMENT PURSUANT
TO 37 C.F.R. §1.97-1.98, AND
SECOND SUPPLEMENTAL PRIOR ART STATEMENT
PURSUANT TO 37 C.F.R. §1.97-1.98

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

March 9, 1987

Sir:

REMARKS

The photocopies of the above-referenced papers, which were respectively filed in the U.S. Patent and Trademark Office on January 20th, January 28th and January 30th, are enclosed herewith to facilitate the Examiner's final processing of this application prior to issuance as a patent.

The above-referenced photocopies are being supplied as a consequence of a telephone call by Examiner Eickholt to the undersigned on March 9th.

To the extent necessary, Applicants petition for an extension of time under 37 C.F.R. §1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (800.22812X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

Donald E. Stout
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DES:dlh